

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas G. Bilodeau, Reg. 43438 on 07/23/2010.

The application has been amended as follows:

Claim 72, (Amended) a voice data transmitting and receiving system comprising: a transmitting terminal including: a first generation unit that generates voice data Real-time Communication Packets (RTPs) based on received data; a division unit that divides the voice data RTPs into a plurality of voice data RTPs in clause units; a second generation unit that combines the plurality of voice data RTPs in the clause units obtained by the division unit to generate a single piece of packet data; a third generation unit that converts the single piece of packet data generated by the second generation unit into file data; and ~~a monitor unit that observes a communication status, wherein,~~ according to ~~[[the]]~~ a monitored communication status ~~monitored by the monitor unit,~~ the transmitting terminal transmits the data generated by the first generation unit through a transmission path when the communication status is normal, transmits the data generated by the second generation unit when the communication status is poor, and

transmits the data generated by the third generation unit when the communication status is poor even further, and a receiving terminal that restores received data to reproduce voice data, wherein the receiving terminal restores the voice data RTPs when the voice data RTPs are transmitted through the transmitting path in the normal communication status, obtains packet data in the clause units by performing packet division on the received single piece of packet data and restores the plurality of voice data RTPs when the single piece of packet data is transmitted in the poor communication status, and restores the file data when the file data is transmitted in the further poor communication status.

Claim 82, (Amended) a method, comprising: generating, by a first generation unit, voice data Real-time Communication Packets (RTPs) based on received voice data; dividing, by a division unit, the voice data RTPs into a plurality of voice data RTPs in clause units; combining, by a second generation unit, the plurality of voice data RTPs in the clause units to generate a single piece of packet data; converting, by a third generation unit, the single piece of packet data into file data; and observing, ~~by a monitoring unit,~~ a communication status, wherein a transmitting terminal, which comprises the first generation unit, the division unit, the second division unit, and the third generation unit, ~~and the monitoring unit:~~ transmits the voice data RTPs generated by the first generation unit in response to a first communication status, transmits the single piece of packet data generated by the second generation unit in response to a second communication status, and transmits the file data generated by the third generation unit in response to a third communication status.

Reason for Allowance

2. The following is an examiner's statement of reasons for allowance: Claims 72-90 are allowed.

The present invention is directed to a voice data transmitting and receiving system, wherein on the transmission side real-time communication packets are generated based on input voice data, the input voice data is divided into clause units and a plurality of RTP voice data in the clause units are transferred as packet data to a communication path and on the reception side packet data in clause units are obtained from packeted received data received via the communication path, thereby producing a replica of the RTPs in clause units and outputting the voice data as voice based on the replica of the RTPs.

Regarding claim 72, a voice data transmitting and receiving system comprising: a transmitting terminal including: a first generation unit that generates voice data Real-time Communication Packets (RTPs) based on received data; a division unit that divides the voice data RTPs into a plurality of voice data RTPs in clause units; a second generation unit that combines the plurality of voice data RTPs in the clause units obtained by the division unit to generate a single piece of packet data; a third generation unit that converts the single piece of packet data generated by the second generation unit into file data; and wherein, according to a monitored communication status the transmitting terminal transmits the data generated by the first generation unit through a transmission path when the communication status is normal, transmits the data

generated by the second generation unit when the communication status is poor, and transmits the data generated by the third generation unit when the communication status is poor even further, and a receiving terminal that restores received data to reproduce voice data, wherein the receiving terminal restores the voice data RTPs when the voice data RTPs are transmitted through the transmitting path in the normal communication status, obtains packet data in the clause units by performing packet division on the received single piece of packet data and restores the plurality of voice data RTPs when the single piece of packet data is transmitted in the poor communication status, and restores the file data when the file data is transmitted in the further poor communication status.

Regarding claim 82, a method, comprising: generating, by a first generation unit, voice data Real-time Communication Packets (RTPs) based on received voice data; dividing, by a division unit, the voice data RTPs into a plurality of voice data RTPs in clause units; combining, by a second generation unit, the plurality of voice data RTPs in the clause units to generate a single piece of packet data; converting, by a third generation unit, the single piece of packet data into file data; and observing, a communication status, wherein a transmitting terminal, which comprises the first generation unit, the division unit, the second division unit, and the third generation unit transmits the voice data RTPs generated by the first generation unit in response to a first communication status, transmits the single piece of packet data generated by the second generation unit in response to a second communication status, and transmits

the file data generated by the third generation unit in response to a third communication status.

The closet prior art Franz et al. (US 6,393,388 B1) discloses a translating apparatus and a translating method wherein a first language sentence is divided into syntax units consisting of predetermined units of sentence structure such as clauses and phrases in stages from large syntax units into small syntax units and at each stage stored examples most similar to these syntax units are detected using probability models taking into account grammatical attributes of the syntax units and of the examples and using generalized linguistic knowledge and with reference to a thesaurus and the syntax units are translated on the basis of these detected examples and the results of translation of the syntax units are compounded to generate a second language sentence. The invention makes it possible to carry out high-quality translating efficiently and therefore at a high processing speed while eliminating the need for many superficially different examples having the same meaning content to be prepared and the need for the thesaurus to be regularly structured or have uniform distances between concepts.

Claims 73-81 and 83-90 are allowed since they depend on claims 72 and 82 respectively.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SYED BOKHARI whose telephone number is (571)270-3115. The examiner can normally be reached on Monday through Friday 8:00-17:00 Hrs..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kwang B. Yao can be reached on (571) 272-3182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Syed Bokhari/
Examiner, Art Unit 2473
7/27/2010

/Steven H.D Nguyen/
Primary Examiner, Art Unit 2473